PATENT ABSTRACTS OF JAPAN
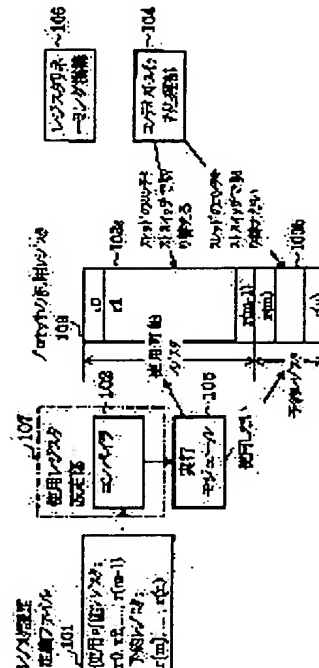
(54) PROCESSING SYSTEM FOR OPERATING SYSTEM AND PROCESSING METHOD FOR OPERATING SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce the overhead time of context switch processing.

SOLUTION: In this processing system for an operating system having plural general purpose registers in which a thread executing processing is available, a register setting definition file 101 which defines a register to be used among the general purpose registers, a use register setting part 107 which reads the file 101 and performs setting so that the thread can use the register defined by the file 101 and a context switch processing part 104 which performs context switch processing that saves and returns data stored in the register which is defined by the file 101 and is used are provided. Thus, the number of registers performing saving and returning is limited, and the context switch processing is made efficient.

LEGAL STATUS

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